ReadMe File to support datasets:

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Project title: Risk factors for spotted fever group rickettsioses in Kilimanjaro Region, Tanzania

Funders:

US National Institutes of Health (R01TW009237)

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The csv file described below includes all for the data fields included in the analyses presented in the paper, except for any fields where inclusion might compromise participant anonymity. Further description of all of the data fields is given in the main text and/or questionnaire copy included in the supplementary materials.

FINAL\_BZSFGRTanzaniaData contains data at the level of the individuals participating in this study.

Metadata includes: the (anonymised) unique study ID for the participants enrolled in the study (newID), participant sex (sex), approximate age in years at study enrolment (approxagepresentation), the duration of fever (feverduration), fever duration lasting greater than or equal to 7 days the time of enrolment (fever7days), the presence of lymphadenopathy on examination at the time on enrolment (lymphadenopathypex), the presence of eschar on examination at the time of enrolment (escharpex), the presence of rash on examination at the time of enrolment (rashpex), whether the patient was an inpatient or outpatient (outpt0\_inpt1), socioeconomic status score (SES), whether the participant at received at least secondary education (secondaryeduc), whether the participant had a spotted fever rickettsioses risk occupation (SFGRoccupation), what tribe the participant reported to being from (tribe), whether the participant reported to being from chaga tribe (chagatribe),

participants with paired sera with spotted fever group rickettsioses serological testing (SFGRpaired), whether the participant met the case definition for acute spotted fever group rickettsioses (acuteSFGR), whether the participant met the case definition for exposure to spotted fever group rickettsioses (exposedSFGR)

whether the participant had performed the following activities within the preceding month: work in the fields (work\_in\_fields), work in the garden (work\_in\_garden), walked barefoot (barefoot)

whether anyone in the household: own cattle (own\_cattle), own goats (own\_goat), own sheep (own\_sheep), own dogs (own\_dogs)

whether the participant had performed the following activities within the preceding month: fed cattle (fed\_cattle), fed goat (fed\_goat), fed sheep (fed\_sheep), herded (herd\_cattle), herded goat (herd\_goat), herded sheep (herd\_sheep), other than animals owned by household have you seen cattle around the village (village\_cattle), other than animals owned by household have you seen goats around the village (village\_goat), other than animals owned by household have you seen sheep around the village (village\_sheep), other than animals owned by household have you seen dogs around the village (village\_dogs)

Based on household location data the: mean monthly rainfall for the calendar year of hospital admission (E22\_prec\_mean), the mean monthly rainfall for the 3 months prior to hospital admission (E22\_prec\_90d), the mean monthly max temperature of the year of hospital admission (E22\_tmax\_mean), the mean monthly max temperature for the 3 months prior to hospital admission (E22\_tmax\_90d), the mean normalised difference vegetation index for the year of hospital admission (E22\_ndvi\_mean), the mean NDVI of the three months prior to admission (E22\_ndvi\_90d), cattle density (E22\_catd), goat density (E22\_goad), sheep density (E22\_shed), whether the participant lived in a urban, peri-urban or rural area (E22\_uprc), elevation (E22\_elev)

Quintiles for: approximate age in years at study enrolment (qapproxagepresentationgp), the mean NDVI of the three months prior to admission (qNDVI90d), cattle density (qcatd), goat density (qgoad), sheep density (qshed), elevation (qelev), socioeconomic status score (qSES), the mean monthly rainfall for the calendar year of hospital admission (qprecmean), the mean normalised difference vegetation index for the year of hospital admission (qNDVImean), the mean monthly max temperature for the 3 months prior to hospital admission (qtmax90d), the mean monthly max temperature of the year of hospital admission (qtmaxmean)